

**U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET**

MDC CONTROL NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Lefkoweld Corporation		EMERGENCY TELEPHONE NO. 213 - 532-1254
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 215 W. 131st Street Los Angeles, CA 90061		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS #109 - DPM 6047	
CHEMICAL FAMILY Reactive epoxy resin	FORMULA N/A (ADHESIVE)	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	NA	SPECIFIC GRAVITY (H ₂ O = 1)	1.22
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (_____ = 1) Non-volatile	
SOLUBILITY IN WATER	Insoluble		

APPEARANCE AND ODOR **Thixotropic paste, gray color**

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) 320 (Cleveland open cup)	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA Water or carbon dioxide			
SPECIAL FIRE FIGHTING PROCEDURES Not required			

UNUSUAL FIRE AND EXPLOSION HAZARDS **None**

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Involves no specific hazards

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

In case of skin contact, wash well with soap and water. Do not use organic solvent on the skin.

SECTION VI: REACTIVITY DATA

STABILITY
excellent
long term

UNSTABLE

STABLE

xx

CONDITIONS TO AVOID

prolonged storage storage at temperatures higher

than 80 F

INCOMPATIBILITY (MATERIALS TO AVOID)

Amines

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

Polymerization with strong exotherm (but no decomposition or explosive hazard) may occur

with many amines

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Spilled material may be removed with a trowel, spatula or similar utensil.

Affected area may be cleaned with organic solvent (ketone, chlorinated hydrocarbon, etc)

WASTE DISPOSAL METHOD

Conventional waste disposal methods are adequate

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Respirators recommended in enclosed areas with poor ventilation.

VENTILATION

LOCAL EXHAUST

SPECIAL

Use with adequate ventilation

MECHANICAL (GENERAL)

OTHER

PROTECTIVE GLOVES

recommended in all operations

EYE PROTECTION

recommended at all times

OTHER PROTECTIVE EQUIPMENT

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

avoid prolonged or repeated skin exposure as sensitive individuals may develop skin dermatitis

OTHER PRECAUTIONS

PREPARED BY

DATE

BOE-C6-0225146



JUN 30 1982
U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET

FORM NO. OSHA-20 (MODIFIED)
MAY 1971

MDC CONTROL NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Lefkoweld Corporation		EMERGENCY TELEPHONE NO.
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 215 W. 131st Street Los Angeles, CA 90061		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS LM 52 - DPM 6047	
CHEMICAL FAMILY polyamide hardener	FORMULA NA	(ACTIVATOR)

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

SECTION III: PHYSICAL DATA

BOILING POINT (°F)	NA	SPECIFIC GRAVITY (H ₂ O = 1)	0.97
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (_____ = 1) NON VOLATILE	
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR			

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) 510 F- Cleveland open cup	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA Water or carbon dioxide			
SPECIAL FIRE FIGHTING PROCEDURES Not required			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Involves no specific hazards

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

In case of skin contact, wash well with soap and water.

Do not use organic solvents on the skin.

SECTION VI: REACTIVITY DATA

Excellent STABILITY long term	UNSTABLE		CONDITIONS TO AVOID Prolonged storage at temperatures higher than 80 F
	STABLE	XX	

INCOMPATIBILITY (MATERIALS TO AVOID)

Amines

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID Polymerization with strong exotherm (but no decomposition or explosive hazard) may occur with many reactive amines.
	WILL NOT OCCUR		

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Spilled material may be removed with a rowel, spatula or similar utensil.

Affected area may be clean with organic solvent (ketone, chlorinated - hydro-carbon, etc)

WASTE DISPOSAL METHOD

Conventional waste disposal methods are adequate

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Respirators recommended in enclosed areas with poor ventilation

use with adequate ventilation	LOCAL EXHAUST yes	SPECIAL
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES

recommended in all operations

EYE PROTECTION

recommended at all times

OTHER PROTECTIVE EQUIPMENT

SECTION IX: SPECIAL PRECAUTIONS

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